POOLE
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PORT HEALTH SERVICE

INTRODUCTION

The report is submitted in accordance with Article 12 (4) of the Public Health Officers (Port Health Districts) Regulations, 1959. As a result of the Public Health (Ships) Regulations, 1952, the Minister of Health reviewed the form and scope of the Annual Reports of Medical Officers of Health and in Port Form 20 enclosed with Circular 33/52 dated 6th November, 1952, he prescribed the form and sequence which the reports should follow.

One requirement of the Minister is that the information required by Sections I, V, VI, VIII, XIV, XV and XVI (all marked with asterisk) need only be given in full every fifth year and for the intermediate years only the changes which have occurred during the year covered by the report need be included. The full information required in these Sections is set out in the Annual Report for 1965 and therefore, only changes are recorded in this report.

In presenting this report I have pleasure in taking the opportunity of expressing my thanks to the Harbour Master, Captain W. C. Allinson and the Officers of H. M. Customs for their ready co-operation and help during the year, and to the Port Health Inspector Mr. C. B. T. Glover and his Deputies, Mr. A. H. Kirkman and Mr. F. K. W. Francis, for their willing assistance and interest in the work.

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HEALTH COMMITTEE 1968/69
(acting as Port Health Authority)

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Vice Chairman:

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R. HANN (Mayor) (ex officio)

Co-opted Members:

Miss I. E. EVERED
Dr. D. CAMPBELL
Mrs. S. D. AUBIN
Mrs. J. A. GREBBY

OFFICERS OF THE AUTHORITY

Clerk to the Port Health Authority

J. G. HILLIER, Town Clerk

Medical Officer of Health:

JAMES HUTTON, M.D., D.P.H.

Deputy Medical Officer of Health:

A. McCUTCHION, M.B., Ch.B., D.P.H.

Port Health Inspector:

C. B. T. GLOVER, M.A.P.H.I.

Deputy Port Health Inspectors:

ALAN H. KIRKMAN, M.A.P.H.I.
F. K.W. FRANCIS, M.A.P.H.I.

Senior Clerk: A. R. C. PARSONS

THE PORT OF POOLE

Constitution of the Port Health Authority.

By an order of the Local Government Board dated 21st September, 1887, and an amending order dated 27th February, 1909 a Port Sanitary Authority was constituted to exercise the powers and functions assigned by the Order.

The style "Port Sanitary Authority" was changed to "Port Health Authority" in 1936.

The Port Health Authority is the Mayor, Aldermen and Burgesses of the Borough, acting by the Council.

Limits of Jurisdiction.

The present limits of jurisdiction were fixed in 1909, as follows:

"The jurisdiction of the said Port Sanitary Authority shall extend to all that part of the said Port of Poole aforesaid which lies to landward of a line drawn from the seaward extremity of the eastern boundary of the Borough of Poole to the seaward extremity of the headland known as Standfast Point; together with the waters of the said part of the Port and all docks, basins, harbours, creeks, rivers, channels, roads, bays and streams within that part of the said Port, and the place or places which may from time to time be appointed as the Customs Boarding Station or Stations for that part of the said Port, and the place or places for the time being appointed for the mooring or anchoring of ships for the said part of the said Port under any regulations for the prevention of the spread of disease issued under the authority of the Statutes in that behalf, and for the purposes of any such Regulations as aforesaid, shall also extend to any ship which in pursuance thereof, or of any directions given thereunder shall be moored or anchored at the place appointed thereunder as aforesaid, or which shall be on its way thither".

Port Facilities.

Poole is chiefly a cargo port and its trade is mainly carried on with other British ports and those on the coasts of France, Belgium, Holland and Germany, and there is also a regular trade with the Baltic Ports.

During the summer season the port is the base for day pleasure boats operating between local seaside resorts and this is the only passenger traffic apart from yachts.

Inshore fishing is still carried on and the report on the shellfish industry is dealt with in Section XV.

The public quay accommodation consists of 3,270 feet frontage, i.e.,

Hamworthy Quay	270 feet at 15 ft. Admiralty Chart Datum	- for tankers
	500 feet at 15 ft. Admiralty Chart Datum	) for
Town Quay	1000 feet at 16 ft. Admiralty Chart Datum	) general
	1000 feet at 15 ft. to 10 ft. do.	) cargo
	500 feet shallow berthing (for yachts)	

The general cargo quay at Hamworthy is served by rail.

Unloading equipment at the port consists of seven travelling cranes, three mobile cranes and three coal transporters. There are nine ship and boat yards for the building and repairing of ships.

There is in the harbour an extensive safe anchorage. The depth of the water at the Harbour Bar is 13 ft. - Admiralty Chart Datum and the range varies from about 7 feet at springs to a few inches at neaps. Both the flood and ebb tides run at about three-quarters of a knot at the Bar. At the Haven entrance the maximum is 4½ knots with about 3½ knots for Brownsea Roads while in the rest of the Harbour 2 knots is seldom exceeded.

1. <u>Staff</u> - No change.

Address and telephone number of Medical Officer of Health;

Office: Public Health Department,
Central Clinic,
Civic Centre,
Park Road,
Poole.

Tel: Poole 5151

Home: 23 Pearce Avenue,
Parkstone,
Poole.

Tel: Parkstone 4140

The telegraphic address of the Port Health Authority is registered as "Portelth Poole".

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II. Amount of Shipping Entering the Port During the Year

Table B

Ships from	Number	Tonnage	Number Inspected		Number of Ships reported as having had, during the voyage, infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports	*220	45,296	-	201	NIL
Coastwise	1086	306,706	-	114	NIL
TOTAL	1306	352,002	-	315	NIL

*Does not include yachts.

III. Character of Shipping and Trade During the Year

Table C

Passenger Traffic - mostly yacht traffic: Inwards 1673 Outwards 1421

Cargo Traffic:

Principal IMPORTS - Oil, Coal, Coke, Timber, Fertilisers, Grain, Paper Pulp.

Principal EXPORTS - Barley, Scrap Metal, Clay, Caravans.

Principal ports from which ship arrive:-

Amsterdam, Rotterdam, Ymuiden, Antwerp, Hamburg, Le Havre, Kaliniagrad, Gdansk, Kotka, and other Baltic timber ports.

IV. Inland Barge Traffic

There is no inland barge traffic in the port.

*V. Water Supply

1. Source of supply for the district and shipping.

No change.

2. Reports of tests for contamination.

The town supply was sampled every two or three days through the year and every sample was reported as Class I "highly satisfactory". During the year 107 samples of water were taken direct from the quay hydrants used for shipping in a special survey. Of these 100 were reported as Class I, 2 as Class II, 2 as Class III and 3 as Class IV. As the mains supply was beyond suspicion, the unsatisfactory results were most certainly due to surface water contamination of the hydrants boxes.

At the end of the year the Harbour Commissioner had agreed to take over responsibility for provision of water supply to ships and maintenance of hydrants, mains etc. from the Poole & East Dorset Water Board. Further discussions have been held with the Harbour Commissioner to effect improvements in the hydrants.

Fifteen samples of water were taken for bacteriological examination from ships and of these 13 were reported as Class I, 1 in Class III and 1 in Class IV. The two unsatisfactory samples were from local pleasure vessels which are under constant surveillance.

3. Precautions taken against contamination of hydrants and hosepipes.

No change.

4. Number and sanitary condition of water boats, and power of control of the Authority

In 1968 no water boats operated within the harbour.

VI. <u>Public Health (Ships) Regulations, 1952</u>

1. List of Infected Areas (Regulation 6).

No change.

2. Radio Messages.

No change.

3. Notifications otherwise than by radio (Regulation 14 (1) (b))

No change.

4. Mooring stations (Regulations 22 and 30)

No change.

5. Arrangements for dealing with Infectious Diseases.

(a) Hospital accommodation for persons suffering from infectious diseases (other than smallpox).

No change.

(b) Surveillance and follow-up of contacts.

No change.

(c) Cleansing and Disinfection

A steam disinfecting station is now available at Stokewood Road, Bournemouth, under the control of Bournemouth County Borough and arrangements have been made for joint use.

Other disinfection can be carried out at the Public Health Department, Central Clinic, Civic Centre, Park Road, Poole, where a Cleansing Station is also available.

The Corporation has a sufficient and qualified staff for the disinfection of ships.

VII. Smallpox

1. Name of Isolation Hospital to which smallpox cases are sent from the district.

Weyhill Hospital, Andover, Hants.

2. Arrangements for transport of such cases to that hospital.

Transport of smallpox cases would be carried out by the Ambulance Service of the Dorset County Council operating from the Poole Ambulance Depot.

The vaccinal state of the 17 ambulance personnel at this depot is 3 vaccinated in 1966, 10 in 1967, and 2 in 1968. Two recent personnel are awaiting vaccination.

3. Name of smallpox consultant available.

Dr. A.F. Turner, County Hall, Dorchester.

4. Facilities for laboratory diagnosis of smallpox.

Suspected material is sent to:

Dr. A. D. Macrae,
Virus Reference Laboratory,
Central Public Health Laboratory,
Colindale, London N.W.9
Tel: Colindale 6041

VIII. VENEREAL DISEASE - ARRANGEMENTS FOR EXAMINATION AND TREATMENT

For FIRST EXAMINATION or DIAGNOSIS - No Appointment Required.

MONDAY:	Special Clinic, R. V. Hospital, Shelley Road, Boscombe, Bournemouth.	4.30 p.m. - 6.30 p.m. (Males and Females)
TUESDAY:	Outpatients Dept., Poole General Hospital	5.00 p.m.
WEDNESDAY:	Special Clinic, R. V. Hospital, Shelley Road, Boscombe, Bournemouth.	2.00 p.m. - 4.00 p.m. (Females) 4.30 p.m. - 6.30 p.m. (Males)
FRIDAY:	Outpatients Dept., Poole General Hospital	5.00 p.m.
	Special Clinic, R.V. Hospital Shelley Road, Boscombe, Bournemouth.	4.30 p.m. - 6.30 p.m. (Males and females)

NOT Bank Holidays.

For TREATMENT only - No Appointment Required

(a) As above
or
(b) For SEAMEN at Poole General Hospital, at any time (treatment only) on production of your "Treatment Card" and evidence of being a Seaman.

IX. Cases of Notifiable and other Infectious Diseases on Ships

Table D

Category	Disease	Number of cases during the year		Number of ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports.	NIL	NIL	NIL	NIL
Cases which have occurred on ships from foreign ports but have been disposed of before arrival.	NIL	NIL	NIL	NIL
Cases landed from other ships	NIL	NIL	NIL	NIL

X. Observations on the occurrence of Malaria in Ships

None.

XI. Measures taken against ships infected with or suspected for Plague.

None necessary.

XII. Measures against Rodents in Ships from Foreign Ports.

Poole is a "Designated Approved Port" for the issue of Deratting Certificates and Deratting Exemption Certificates in accordance with Article 17 of the International Sanitary Regulations, 1951 and Articles 19, 20 and 21 of the Port Health (Ships) Regulations 1952 are enforced in the Port. Both the Port Health Inspector and the Deputy Port Health Inspectors have been trained in deratisation procedure and have complete responsibility for supervision of this work.

1. During routine inspections of ships by the Port Health Inspectors, masters and crew are questioned as to the presence of rats. The ship in general and the crew's quarters in particular are examined for evidence of infestation. Where evidence is found or suspected a detailed search of the ship - including the holds - is made by the Port Health Inspectors and the Rodent Control Staff who endeavour to secure one or more rats for bacteriological and pathological examinations.

   Whenever a Deratting Certificate or Deratting Exemption Certificate is found to be out of date or a certificate is needed, a detailed inspection and search of the ship is made jointly by the Port Health Inspector and the Rodent Control Staff before a certificate is issued or renewed. A similar procedure is adopted before the issue or renewal of Rodent Control Certificates for coastal ships.

2. Bacteriological and pathological examinations of rodents are carried out by the Public Health Laboratory, Bournemouth, (Director, G. J. G. King, M.B., B.Ch.). No rats were obtained from ships during the year.

3. Small infestations of rats on ships are dealt with directly by the Rodent Control Staff, using standard trapping and baiting methods. Major infestations requiring large scale fumigations are carried out by any one of the commercial contractors on the Authority's list, the arrangements being made direct by the owners or agents.

4. The Port Health Inspectors work in very close liaison with the ship designers and ship builders in the area to secure proper ratproofing in the ships built in the Port. Very few opportunities arise for the improvement of structures of other ships owing to their very short stay in the Port.

Table E

Rodents destroyed during the year in ships from foreign ports

Category	Number
Black rats	NIL
Brown rats	NIL
Species not known	NIL
Sent for examination	NIL
Infected with Plague	NIL

The local authority and private contractors continued their regular survey and treatment of rats in and around the warehouses and other buildings on the quays. From the local authority point of view these treatments are reducing in number.

Table F

Deratting Certificates and Deratting Exemption Certificates issued during the year for Ships from Foreign Ports

Number of Deratting Certificates Issued					Number of Deratting Exemption Certificates Issued.	Total Certificates Issued
After fumigation with		After Trapping	After Poisoning	Total		
H.C.N.	Other Fumigant (State Method)					
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	20	20

Rodent Control Certificates

No Rodent Control Certificates were issued during the year.

XIII Inspection of Ships for Nuisance

Table G

Inspection and Notices

Nature and number of Inspections		Notices Served		Result of serving Notices
		Statutory Notices	Other Notices	
Routine Inspections	315	-	7	5 complied: 2 ships sailed
Re-inspections	31	-	-	-
Re water supplies	120	-	2	2 - local ships samples repeated - satisfactory
Infectious Diseases	-	-	-	-
Searches for Rodent Control	30	-	-	-
Total	496	-	9	-

*XIV Public Health (Shellfish) Regulations, 1934 and 1948

The oyster industry continues to improve and had, it would seem a good year.

Samples were taken from every batch of oyster before despatch which necessitated more samples being submitted for bacteriological examination.

(See Table H overleaf).

Two operators of oyster laying now send their shellfish for cleansing to London and Whitstable.

The other two continue to submit their oysters to U/V ray treatment in the local plant. Generally a satisfactory standard of purity of tank water and shellfish has been maintained.

A new company took over the operation of the premises in 1968 and in addition to operating the shellfish cleansing station, are also carrying out research and development into increasing the commercial export of shellfish from Poole Harbour.

Table II

Shellfish	Number of Samples	Class I Satisfactory		Class II Suspicious	Class III Unsatisfactory	Maximum number of faecal coli per 1 ml. of shellfish in any Sample
		0 faecal coli per 1 ml. of shellfish	1-5 faecal coli per 1 ml. of shell-fish.	6-14 faecal coli per 1 ml. of shellfish	15 or over faecal coli per 1 ml. of shellfish	
Mussels RAW	1	1	-	-	-	-
Clams treated	2	2	-	-	-	-
Oysters: Untreated	2	2	-	-	-	-
Treated	44	43	-	1	-	6
TOTAL	49	48	-	1	-	-

Results of Bacteriological Examination of Shellfish Cleansing Tank Water, 1967

Number of Samples	Class I	Class II	Class III	Class IV
24	19	3	-	2

*XV. Medical Inspection of Aliens

No change.

*XVI Miscellaneous

Arrangements for the burial on shore of persons who have died on board ship from infectious disease.

No change

Pollution of the Harbour

The waters of Poole Harbour are subject to intermittent sewage pollution from various sources. It is believed that some of the pollution comes from Poole Bay which receives the sewage from the three towns on its shores but as inland treatment works proceed this should be reduced.

The scheme for the diversion of all Poole sewage from the sea to the sewage disposal works proceeded satisfactorily in 1968.

Diseases of Animals Acts

The Port Health Inspectors are also Inspectors under the Diseases of Animals Acts. All ships from abroad are inspected in order to ensure that the requirements of the Acts are complied with. During 1968 151 visits were made with regard to the Diseases of Animals Acts. Detention notices were served on the Masters of 27 ships with regard to 25 dogs, 8 cats ~~and 3 hamsters~~. No contraventions were observed.

Sickness and injuries

Three cases of minor sickness and injury were reported aboard ships during the year and all received suitable treatment.

Vaccination is arranged as required.

Clean Air Act

There were no records of any emission of smoke from any ship during the year.

Houseboats

Byelaws for control of houseboats have been formulated and it is hoped they will be in operation in 1969. A survey of these houseboats was carried out during the year.